Albuquerque, New Mexico

Sheet 1 of 2

Date: Dec. 1976

UNITED STATES DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

SOIL INTERPRETATIONS FOR IRRIGATION IN THE Silver City FO

Map Symbol 1	Soil Name 2	Available Moisture-holding Capacity per foot of soil Depth (in.) 3	Shallow Rooted Crops: Moisture Replacement Depth (ft.) 4	Shallow Rooted Crops: Net Moisture to be Replaced (in.) 5	Medium Rooted Crops: Moisture Replacement Depth (ft.) 6	Medium Rooted Crops: Net Moisture to be Replaced (in.) 7	Deep Rooted Crops: Moisture Replacement Depth (ft.) 8	Deep Rooted Crops: Net Moisture to be Replaced (in.) 9	Family Intake Curve Designation Curve No. 10	Recommended Maximum Irrigation Grade Feet per 100 feet 11 3/	Adapted Conservation Irrigation Systems: Level 12	Graded 1/ 13	Sprinkler 14	Drip 2/ 15	16	17
17	Ruidoso Clay Loam	2.0 1.8 1.8 1.8	2	1.5	3	2.5	4	3.5	.1	B-3.0 F- .5	X	X	X	X		
18	San Mateo Silty Clay Loam	2.2 1.8 1.8 2.2	2	2.0	3	2.5	4	4.0	.1	B-3.0 F- .5	X*	X*	X	X		
											*Cuts limited to 1' due to salt accumulations.					
19	Stirk Silty Clay Loam	1.8 1.8 1.8 1.8	2	1.5	3	2.5	4	3.5	.1	B-3.0 F- .5	X	X	X	X		
26	Stirk Clay (Wet)	1.0 1.0 1.0	2	1.0	3	1.5	3	1.5	.1	B-3.0 F- .5	X*	X*	X	X		
											*Cuts limited by high water table.					
10 22	Manzano Loam	2.2 2.2 2.2 2.2	2	2.0	3	3.0	4	4.0	.3	B-3.0 F- .5	X	X	X	X		

B - Borders F - Furrows

1/ Tailwater recovery systems may be used to increase irrigation uniformity.
2/ Drip irrigation recommended for orchards or high value row crops only.
3/ Borders in excess of 1% slope should be in permanent cover crops.

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14	Draper Loam	2.2 2.2	2	2.0	2	2.0	2	2.0	.3	B-3.0 F- .5		X* *Cuts limited by high water table.	X	X		
21	Lonti Gravelly Clay Loam	1.8 1.8 1.8 1.8	2	1.5	3	2.5	4	3.5	.3	B-3.0 F- .5	X	X	X	X		
24	Tesajo Cobbly Variant-Manzano Complex	1.0 1.5 1.5 1.5	2	1.0	3	2.0	4	2.5	.3	B-3.0 F- .5	X	X	X	X		
11	Paymaster-Ellicott Complex															
	Paymaster Series	1.8 1.8 1.8 1.8	2	1.5	3	2.5	4	3.5	.5	B-3.0 F- .5	X	X	X	X		
	Ellicott Series	.6 .6 .6 .6	2	.5	3	.5	4	1.0	2.0	B-3.0 F- .5		X	X	X		

B - Borders F - Furrows